an overflow portion adjacent said chute for stabilizing a surface level of the white water in the wire pit,

a gas separator for separating gas from the white waters, and

a lower portion downstream of the upper portion and said lower portion having an outlet connectable to a mixing pump, wherein at least one wall of the wire pit converges downwardly to provide flow direction of the liquid through the wire pit which deviates from a vertical angle.

21. A wire pit according to claim 20 wherein the upper portion of the wire pit has walls sloped downwards and outwards.

22. A wire pit according to claim 20 having a flow path cross-section converging in a flow direction, and the lower portion is adjustable to a plurality of angular positions in relation to said upper portion.

23. A wire pit according to claim 22, wherein the wire pit further comprises a middle portion located between said upper portion and lower portion, and the middle portion is adjustable to a plurality of angular positions in relation to at least one of said upper portion and said lower portion.

24. A wire pit according to claim 22, wherein the lower portion is connectable to the mixing pump.

25. A wire pit according to claim 20, wherein said chute forms a bottom of the upper portion of the wire pit

26. A wire pit according to claim 20, wherein said chute is divided into to at least two flow paths for white water streams having different fiber contents.

27 A wire pit according to claim 20, wherein said chute includes a plurality of flow paths for white water streams having various fiber contents.

28. A wire pit according to claim 20, wherein the overflow portion includes an upper edge of a wall of the wire pit.

29. A wire pit according to claims 26, wherein said chute is connected in a downstream direction to a deflector which directs a flow of white waters having a higher fiber content to a zone of the wire pit distant from the overflow portion.

30. A wire pit according to claim 25, wherein a wall of the wire pit is located adjacent the chute, and said wall is sloped downwards and outwards at an angle in a range of 5 degrees to 30 degrees from vertical.

31. A wire pit according to claim 25, wherein a wall of the wire pit extends from chute in a flow direction, and said wall descends at an angle in a range of 20 degrees to 45 degrees from horizontal.

32. A wire pit according to claim 31, wherein downstream of said wall the wire pit further comprises a middle portion between said upper portion and lower portion, and a wall of said middle portion descends at an angle of 35 degrees to 55 degrees from horizontal.

33. A wire pit according to claim 26, wherein at least 50% of the overflow portion is in a zone containing a pulp fraction flow with a lower fiber content.

34. A wire pit according to claim 26, wherein the overflow portion or a flow channel downstream of the overflow portion includes a fiber fraction separator for separating fiber from overflow liquid.

35. A wire pit according to claim 34, wherein said fiber fraction separator is a curved screen or pressure screen.

36. A wire pit according to claim 20, wherein said gas separator is at the upper portion of the wire pit.

37. A wire pit according to claim 36, wherein the overflow portion has an overflow edge, and a height of the overflow edge, measured from a center line of the outlet opening of the lower portion of the wire pit, is in a range of two to five times a diameter of the outlet opening.